

NATIVE PLANT LIST

Note: Each entry consists of a Latin name, common name, growing conditions (light and moisture levels) and height at full maturity.

Be sure to research species to be certain that they meet your needs and taste, and that your property provides suitable growing conditions. Additional information, such as bloom-time, bloom color, wildlife and pollinator value, and more, can be found online.

There are numerous native plant sources in our region. There are also many more native herbaceous plants than we could list here.

Height at Maturity (Ft)	Latin Name	Common name	Growing Conditions
<i>Deciduous Street Trees</i>			
40-70	<i>Acer rubrum</i>	Red Maple	Sunny/Moist
45-55	<i>Fraxinus pennsylvanica lanceolata</i>	Marshall's Seedless Ash	Sunny/Moist
40	<i>Ostrya virginiana</i>	Hop Hornbeam	Shady/Dry
<i>Deciduous Shade Trees</i>			
40-70	<i>Acer rubrum</i>	Red Maple	Sunny/Moist
60-75	<i>Acer saccharinum</i>	Silver Maple	Sunny/Moist
60-75	<i>Acer saccharum</i>	Sugar Maple	Shady/Moist
15-25	<i>Amelanchier arborea</i>	Shadbush, Serviceberry, Juneberry	Sunny/Moist

60-80	<i>Betula alleghaniensis</i>	Yellow Birch	Shady/Moist
45-55	<i>Betula lenta</i>	Black Birch, Sweet Birch	Sunny/Dry
40-70	<i>Betula nigra</i>	River Birch	Shady/Moist
35	<i>Carpinus caroliniana</i>	American Hornbeam	Shady/Moist
35	<i>Cornus florida</i>	Flowering Dogwood	Shady/Moist
25	<i>Cornus alternifolia</i>	Alternate Leaved Dogwood	Shady/Moist
60-80	<i>Fagus grandifolia</i>	American Beech	Sunny/Moist
80	<i>Fraxinus americana</i>	White Ash	Sunny/Moist
60-80	<i>Fraxinus pennsylvanica</i>	Red Ash	Sunny/Dry-Moist
50-75	<i>Gleditsia triacanthos</i>	Honey Locust	Sunny/Moist
80+	<i>Liriodendron tulipifera</i>	Tulip Tree, Tulip Poplar	Sunny/Moist
50-70	<i>Nyssa sylvatica</i>	Black Gum	Sunny/Dry
100+	<i>Platanus occidentalis</i>	Sycamore	Sunny/Moist
60-100	<i>Tilia americana</i>	American Linden, Basswood	Shady/Moist
75-125	<i>Ulmus americana</i>	American Elm	Sunny/Moist
50-100	<i>Quercus alba</i>	White Oak	Sunny/Moist
60-80	<i>Quercus coccinea</i>	Scarlet Oak	Sunny/Dry

40-75	<i>Quercus montana</i>	Chestnut Oak	Shady/Dry
70	<i>Quercus palustris</i>	Pin Oak	Shady/Moist
60-80	<i>Quercus rubra</i>	Northern Red Oak	Sunny/Dry
60-80	<i>Quercus velutina</i>	Black Oak	Sunny/Dry
30-50	<i>Sassafras albidum</i>	Sassafras	Sunny/Dry
Ornamental Trees (small trees less than 30' in height)			
30	<i>Amelanchier arborea</i>	Shadbush, Serviceberry, Juneberry	Sunny/Moist
35	<i>Carpinus caroliniana</i>	American Hornbeam	Shady/Moist
30	<i>Cercis canadensis</i>	Eastern Redbud	Sunny/Dry
25-30	<i>Chionanthus Virginicus</i>	White Fringe Tree	Full-part sun/Med-Moist
35	<i>Cornus florida</i>	Flowering Dogwood	Shady/Moist
25	<i>Cornus alternifolia</i>	Alternate Leaved Dogwood	Shady/Moist
20	<i>Magnolia virginiana</i>	Sweetbay Magnolia (<i>evergreen</i>)	Shady/Moist
30-50	<i>Oxydendrum arboretum</i>	Sourwood	Sunny/Moist/4.0-5.5 ph
15-25	<i>Ptelea Trifoliata</i>	Common Hop Tree	Full-part shade/Wet
12-30	<i>Sorbus Americana</i>	Mountain Ash (not a true Ash, safe from EAB)	Sun-Shade/Moist-Dry

8-15	<i>Staphylea Trifolia</i>	Blatternut	Shade/Wet
10-15	<i>Viburnum Opulus var. Americanum</i>	Cranberrybush	Sun/Wet
Coniferous (Evergreens)			
30-60	<i>Ilex opaca</i>	American Holly	Shady/Moist
30-50	<i>Juniperus communis</i>	Common Juniper	Sun/Well Drained
30-40	<i>Juniperus virginiana</i>	Eastern Red Cedar	Sunny/Dry
80+	<i>Pinus strobus</i>	White Pine	Sunny/Moist
To 100	<i>Picea glauca</i>	White Spruce	Well Drained/Sunny
70+	<i>Tsuga canadensis</i>	Hemlock	Sunny/Moist
Shrubs			
6-10	<i>Aronia arbutifolia</i>	Red Chokeberry	Sun/Moist-well drained
6-10	<i>Aronia melanocarpa</i>	Black Chokeberry	Sun/Moist-well-drained
6-10	<i>Alnus serrulata</i>	Smooth Alder	Shady/Moist
15-25	<i>Amelanchier arborea</i>	Shadbush, Serviceberry, Juneberry	Sunny/Moist
15-25	<i>Amelanchier laevis</i>	Smooth Shadbush or Serviceberry	Shady/Dry
3-6	<i>Aronia melanocarpa or Photinia</i>	Black Chokeberry	Sunny/Dry

<3	<i>Ceanothus americanus</i>	New Jersey Tea	Sunny/Dry
6-15	<i>Cephalanthus occidentalis</i>	Buttonbush	Shady/Moist
5-8	<i>Clethra Alnifolia</i>	Summersweet	Sun-part shade/Wet-medium
15-25	<i>Cornus alternifolia</i>	Alternate Leaved Dogwood	Shady/Moist
6-12	<i>Cornus amomum</i>	Silky Dogwood	Sunny/Moist
To 6	<i>Cornus racemose</i>	Gray Dogwood	Moist/Sunny
6-9	<i>Cornus sericea</i>	Red Twig Dogwood	Sun-Part Shade/Moist
1-1.5	<i>Diarvilla lonicera</i>	Lowbush honeysuckle	Shady/Dry
3-5	<i>Euonymus Americanus</i>	American Strawberry Bush	Part sun/Wet
to 18	<i>Euonymus atropurpureus</i>	Wahoo, Burning-bush	Shady/Moist
2-3	<i>Fothergilla gardenii</i>	Dwarf Fothergilla	Sun-part shade/moist
20-30	<i>Hamamelis virginiana</i>	Witch-hazel	Shady/Dry
3-5	<i>Hydrangea arborescens</i>	Wild Hydrangea	Shady/Moist
4-5	<i>Hypericum prolificum</i>	Shrubby St. John's Wort	Full-part sun/wet-medium
4-8	<i>Hydrangea Quericifolia</i>	Oakleaf Hydrangea	Part shade/moist-medium
6-10	<i>Ilex verticillata</i>	Winterberry	Sunny/Moist

6-10	<i>Itea virginiana</i>	VA sweetspire	Shady/Moist
7-15	<i>Kalmia latifolia</i>	Mountain Laurel	Shady/Dry
6-12	<i>Lindera benzoin</i>	Spicebush	Shady/Moist
6-8	<i>Morella pensylvanica</i>	Northern Bayberry	Part sun-shade/Dry-medium
5-10	<i>Physocarpus opulifolius</i>	Ninebark	Sunny/Moist
15-25	<i>Prunus Americana</i>	Wild Plum	Sunny/Dry
10-30	<i>Rhododendron Maximum</i>	Rosebay	Shady/Moist
4-8	<i>Rhodoendron periclymenoides</i>	Pinxter-flower	Shady/Dry
2-4	<i>Rhus aromatic "gro-low"</i>	Sumac	Sunny/Dry
6-8	<i>Rosa palustris</i>	Swamp Rose	Sun-part shade/Wet-moist
30-50	<i>Salix Nigra</i>	Black Willow	Sunny/Moist
<12	<i>Salix Sericea</i>	Silky Willow	Shady/Moist
5-15	<i>Sambucus Canadensis</i>	Elderberry	Shady/Moist
3-6	<i>Spirea Alba</i>	White Meadowsweet	Sun/Wet
2-4	<i>Spirea Tomentosa</i>	Steeple-Bush	Sun/Wet
4-6	<i>Symphoricarpos Orbiculatus</i>	Coralberry	Sun-part shade/Dry-moist
2-4	<i>Taxus Canadensis</i>	American Yew	Sunny/Moist

1-2	<i>Vaccinium Angustifolium</i>	Lowbush Blueberry	Sunny/Dry
6-12	<i>Vaccinium Corymbosum</i>	Highbush Blueberry	Sunny/Dry
6-8	<i>Vaccinium Stamineum</i>	Deerberry	Part sun-shade/Dry-Medium
4-6	<i>Viburnum acerifolium</i>	Maple-leaved Viburnum	Shady/Dry
3-15	<i>Viburnum recognitum</i>	Arrow-wood	Shady/Dry
to 24	<i>Viburnum prunifolium</i>	Black-haw	Shady/Dry

Grasses

Ernst Conservation Seeds LLP in Meadville has put together grass mixes for a variety of situations. The DCNR Department of Forestry can also recommend grass mixes.

.5-1.5	<i>Carex pensylvanica</i>	Pennsylvania Sedge	Shady/Dry
2	<i>Eragrostis spectabilis</i>	Purple Love Grass	Moist/Full sun
2-4	<i>Schizachyrium scoparium</i>	Little Blue Stem	Sunny/Dry
3-8	<i>Sorghastrum nutris</i>	Indian Grass	Sunny/Dry
3-6	<i>Panicum virgatum</i>	Switch Grass	Sunny/Dry

Ground Cover (Ferns)

1-2	<i>Adiantum pedatum</i>	Maidenhair	Shady/Moist
1-3	<i>Dryopteris marginalis (evergreen)</i>	Wood	Shady/Moist

1-2	<i>Osmunda cinnamomea</i>	Cinnamon	Shady/Moist
2-4	<i>Osmunda daytoniana</i>	Interrupted	Shady/Moist
1-2	<i>Polystichum achrostichoides</i> (evergreen)	Christmas	Shady/Moist
1-3.5	<i>Onoclea sensibilis</i>	Sensitive	Shady/Moist
<i>Flowers & Ground Cover (Herbaceous Plants)</i>			
2-4	<i>Agastache foeniculum</i>	Anise hyssop	Sun/Moist-medium
3-5	<i>Amsonia</i>	Blue Star	Sun-Part Shade/Moist
1-2	<i>Anemone Canadensis</i>	Meadow Anemone	Sun-Part Shade/Moist
2-3	<i>Antennaria plantaginea</i>	Pussytoes	Sunny/Dry
1-2	<i>Aquilegia canadensis</i>	Wild Columbine	Part-Full Shade/Moist
4-5	<i>Aruncus Dioicus</i>	Goat's Beard	Part Sun-Shade/Moist
0.5	<i>Asarum canadense (Evergreen)</i>	Wild Ginger	Shade/Moist
1-4	<i>Asclepias species</i>	Milkweeds	Check conditions for specific species
1-2	<i>Aster macrophylla</i>	Bigleaf Aster	Shady/Dry
3-4	<i>Baptisia Australis</i>	False blue indigo	Full Sun-Part Shade/ Dry-Medium
2-4	<i>Chelone glabra</i>	turtlehead	Full Sun-Part Shade/Moist-Wet

0.5-1	<i>Chrysogonum virginianum</i>	Green-and-Gold	Full Sun-Part Shade/Dry-Average
2-3	<i>Conoclinium coelestinum</i>	Mistflower	Sun-Part Shade, Dry to Wet
1-4	<i>Echinacea purpurea</i>	Purple Coneflower	Sun-Part Shade/Med
2-8	<i>Eutrochium</i> species	Joe Pye Weed	Sun-Part Shade/Med
1-2	<i>Geranium maculatum</i>	Wild geranium	Dry-Moist/Sun-Shade
3-6	<i>Lobelia cardinalis</i>	Cardinal flower	Sun-Shade/Moist-med
3-5	<i>Lysimachia lanceolate</i>	Whorled loosestrife	Sunny/Moist
1.5-5	<i>Monarda fistulosa</i> , <i>Monarda</i> ssp	Bee balm, Wild bergamot	Sunny/Dry
3-8	<i>Pycnanthemum</i> species	Mountain mint species	Check conditions for specific species
Various	<i>Rudbeckia</i> species	Coneflower/Black-eyed Susan varieties	Check conditions for specific species
2	<i>Ruellia humilis</i>	Wild petunia	Sunny/Dry
0.5	<i>Sedum ternatum</i>	Wild stonecrop	Shade/Moist
3-6	<i>Solidago speciosa</i>	Showy goldenrod	Sun-Part Shade/Well drained
1.5-4	<i>Solidago rugose</i>	Fireworks goldenrod	Sunny/Moist
1-4	<i>Symphotrichum</i> species	Asters	Check conditions for specific species
4-14	<i>Tiarella cordifolia</i>	Foamflower	Shade/Moist

1-2	<i>Tradescantia virginiana</i>	Spiderwort	Sun-Part Shade/Med
4-7	<i>Veronia noveboracensis</i>	New York Ironweed	Sun-Part Shade/Moist-Wet
3-6	<i>Veronicastrum virginicum</i>	Culver's Root	Sun-Part Shade/Moist-medium
0.5	<i>Viola species</i>	Violets	Check conditions for specific species
3-8	<i>Zizia aurea</i>	Golden Alexander	Shady/Moist
Vines			
12-36 long	<i>Aristolochia macrophylla</i>	Pipevine	Part Sun-Shade/Moist
10-20 long	<i>Clematis virginiana</i>	Virgin's Bower	Sun-Part Shade/Moist
6-12 long	<i>Lonicera sempervirens</i>	Coral Honeysuckle	Sun-Part Shade/Moist
25-35 long	<i>Parthenocissus quinquefolia</i>	Virginia Creeper	Sun-Shade/Moist
15-35 long	<i>Passiflora incarnata</i>	Passionflower	Sun-Part Shade/Moist